

Amendment to the claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Previously presented) A dry mixture for forming a fireproofing composition adapted to be spray applied to a steel substrate, said dry mixture comprising a hydraulic binder, a substrate adherence and coherence agent in an amount effective for enhancing the adherence and coherence to said steel substrate, and a set retarder, said dry mixture providing, upon the addition of water, a pumpable slurry capable of spray application to a steel substrate and which, after spray application is adherent to said substrate.

2. (Previously presented) The dry mixture of claim 1, wherein said substrate adherence and coherence agent is powdered polyvinyl alcohol.

3. (Previously presented) The dry mixture of claim 1, wherein said polyvinyl alcohol is in powdered form.

4. (Previously presented) The dry mixture of claim 1, wherein the average particle size of said powder range from 80 to 400 microns.

5. (Previously presented) The dry mixture of claim 1, wherein said effective amount of said substrate adherence and coherence agent is from about 1% to 12% by mass of water added to said dry mixture to form said pumpable slurry.

6. (Previously presented) The dry mixture of claim 2, wherein said effective amount of said substrate adherence and coherence agent is from about 1% to 12% by mass of water added to said dry mixture to form said pumpable slurry.

7. (Previously presented) The dry mixture of claim 3, wherein said effective amount of said substrate adherence and coherence agent is from about 1% to 12% by mass of water added to said dry mixture to form said pumpable slurry.

8. (Previously presented) The dry mixture of claim 1, wherein said effective amount of said substrate adherence and coherence agent is from about 2% to 3% by mass of water added to said dry mixture to form said pumpable slurry.

9. (Previously presented) The dry mixture of claim 2, wherein said effective amount of said substrate adherence and coherence agent is from about 2% to 3% by mass of water added to said dry mixture to form said pumpable slurry.

10. (Previously presented) The dry mixture of claim 3, wherein said effective amount of said substrate adherence and coherence agent is from about 2% to 3% by mass of water added to said dry mixture to form said pumpable slurry.

11. (Previously presented) The dry mixture of claim 1, wherein said hydraulic binder is stucco.

12. (Previously presented) The dry mixture of claim 1, wherein said dry mixture further comprises calcium carbonate.

13. (Currently amended) The dry mixture of claim 1, wherein said dry mixture further comprises alpha-olefin ~~sulfate~~ sulfonate.

14. (Previously presented) The dry mixture of claim 1, wherein said dry mixture further comprises glass fibers and cellulosic fibers.